

Serial No.: 09/871,031

Docket No.: KCC-15,208

Amendment dated 27 April 2004

Reply to Office Action mailed 27 January 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A liquid permeable two layer composite material, comprising:

a first layer forming a plurality of apertures; and

a substructure bonded to the first layer, wherein the substructure and the first layer define a plurality of parallel voids for entrapping particles contained within a liquid, each of the plurality of voids extending in a cross machine direction of the composite material.

2. (Original) The composite material of Claim 1, wherein the first layer comprises a film.

3. (Original) The composite material of Claim 1, wherein the first layer comprises a film and fiber combination.

4. (Original) The composite material of Claim 1, wherein the first layer comprises a spunbond material.

5. (Original) The composite material of Claim 1, wherein the first layer comprises a hydrophobic material.

6. (Original) The composite material of Claim 1, wherein the first layer includes a plurality of apertures having a diameter of about 100 microns to about 10,000 microns.

7. (Original) The composite material of Claim 1, wherein the first layer has a basis weight of about 0.3 osy to about 2.5 osy.

8. (Original) The composite material of Claim 1, wherein the first layer has a basis weight of about 0.44 osy to about 1.0 osy.

9. (Original) The composite material of Claim 1, wherein the substructure comprises a three-dimensional nonwoven material.

10. (Original) The composite material of Claim 1, wherein the substructure comprises a spunbond material.

11. (Original) The composite material of Claim 1, wherein the substructure comprises a melt spun material.

12. (Original) The composite material of Claim 1, wherein the substructure may be pleated, corrugated, thermoformed or embossed.

13. (Original) The composite material of Claim 1, wherein the substructure is bonded to the first layer by one of point bonding, adhesive bonding and spiral bonding.

14. (Original) The composite material of Claim 1, comprising a personal care absorbent product.

15. (Original) The composite material of Claim 1, comprising one of a spacer layer, a fastener, a filter medium, an air filter, a liquid filter, a facemask, and a wipe.

16. (Currently Amended) A composite material, comprising:
a first layer forming a plurality of apertures; and
a substructure bonded to the first layer at a plurality of bonding locations to form a plurality of compartments, the first layer apertures forming fluid communication between the first layer and the substructure and the compartments entrapping particles contained within a fluid which passes.

17. (Previously Presented) The composite material of Claim 16, wherein the compartments have a triangular cross section.

18. (Original) The composite material of Claim 16, wherein each compartment has a height of about 0.1 cm to about 2.0 cm.

19. (Original) The composite material of Claim 16, wherein each compartment has a width of about 0.1 cm to about 2.0 cm.

20. (Currently Amended) A liquid permeable composite material, comprising:
a liner forming a plurality of apertures; and

a substructure bonded to the liner to form a plurality of parallel voids for entrapping particles contained within a liquid which passes through the composite material, each of the plurality of voids extending in a cross machine direction of the composite material.

21. (Previously Presented) A combination comprising:
a liquid permeable composite material of Claim 20;
an outer cover bonded to the liner; and
an absorbent core positioned between the outer cover and the liner.

22. (Original) The composite material of Claim 20, wherein the substructure is pleated.

23. (Original) A feminine hygiene product comprising the composite material of Claim 20.

24. (Original) A wound care product comprising the composite material of Claim 20.

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25. (Original) A diaper comprising the composite material of Claim 20.

26. (Original) Training pants comprising the composite material of Claim 20.

27. (Original) Swim wear comprising the composite material of Claim 20.

28. (Original) Absorbent underpants comprising the composite material of Claim 20.

29. (Original) An adult incontinence article comprising the composite material of Claim 20.